

1. ALL CAST IN PLACE CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 LBS PER SQ INCH, USING 3/4" MAXIMUM SIZE AGGREGATE.
2. REINFORCING STEEL BARS ARE DEFORMED BARS OF NEW BILLET STEEL ASTM A615 GRADE 60.
3. WELDED WIRE FABRIC CONFORMS TO ASTM A185.
4. CAST IRON FRAME, AND COVER TO BE MARKED EITHER "SEWER" OR "DRAIN".
5. DESIGN LIVE LOAD - HS20-44.
6. MINIMUM COVER FOR REINFORCING IN WALLS OR SLABS POURED AGAINST EARTH SHALL BE 3 INCHES, ALL OTHER SHALL BE 2 INCHES UNLESS OTHERWISE NOTED.
7. USE 2'-0" LENGTHS OF PIPE STUBS AT ALL MANHOLES FOR PVC PIPE. USE 4'-0" MAX LENGTH OF PIPE STUBS AT ALL MANHOLES FOR RC OR DI PIPE.
8. THESE MANHOLE DETAILS SHALL BE USED FOR BOTH SANITARY & STORM DRAIN MANHOLES.
9. MAXIMUM PRESSURE ON SOIL BELOW CAST IN PLACE CONCRETE BASE SHALL NOT EXCEED ALLOWABLE BEARING PRESSURE.